

Work Order ID 152678

Thursday, November 03, 2016 3:44:57 PM

152678

Page 1

Item ID: D5359-042

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Strut Assembly, RH

Start Date: 11/4/2016 Start Qty: 1.00

1

Required Date: 11/4/2016 Req'd Qty: 1.00

1

Reference:

Cust Item ID:

Customer:

design
change
DAS
9
9-89Approvals: Process Plan: dmDate: 16/11/4

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start ***NR1***Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D5359

A

100

0.01

100

Bandsaw

Memo

0.01

Jeaspa Bandsaw

CUT BLANK 43.13"

1 16/11-11

110

0.06

110

HAAS 1

Memo

0.25

HAAS CNC vertical machine #1

MILL AS PER FOLIO FB463 AND DWG D5359

FOLIO REV: 11DWG REV: A

DEBURR

1 0 DAS
33
9-89
16/11/17

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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OTHER : ☐					

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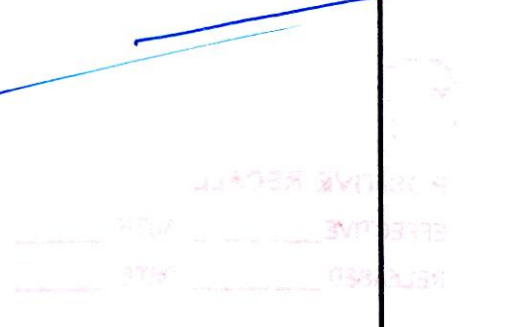
Item ID: D5359-042 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Strut Assembly, RH
Start Date: 11/4/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 11/4/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
170 *170* QC Quality Control	QC7-Inspect Chemical Conversion Coat Memo	0.00 0.00				1			DAS 38 9-89 NOV 18 2016
									send for test fit do not paint - see Sian
									POSITIVE RECALL EFFECTIVE 10/11/8 AUTH <u>dm</u> RELEASED _____ DATE _____
171 *171* Powdercoat Powder Coating	White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum Memo MASK HOLES AS PER DWG. START TIME: _____ OVEN TEMPERATURE: _____ FINISH TIME: _____	0.00 0.03							N/A DAS 38 9-89
172 *172* QC Quality Control	QC3- Inspect Part Finish Memo	0.00 0.00							N/A DAS 38 9-89

DQA: _____ Date: _____

 QA Closed: BAH Date: FEB - 6 2017 **WORK ORDER NON-CONFORMANCE / UPDATE**
Work Order update only ☒

Work Order: <u>152687</u> Part No. <u>DS359-042</u> NCR No. <u>17-6262</u>		DISPOSITION Rework ☐ Scrap ☒ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☒</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☒	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Item ID: D5359-042 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Strut Assembly, RH
Start Date: 11/4/2016 Start Qty: 1.00 ***1*** Cust Item ID:
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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
180 *180* Small Fab Small Fab	Memo ASSEMBLE AS PER DWG SEE NOTE DWG. NOTES FOR TORQUE SPECS	0.00 0.04							
190 *190* QC Quality Control	Memo QC5- Inspect part completeness to step on W/O	0.00 0.00							
200 *200* Packaging Packaging	Identify as per dwg & Stock Location: _____ Memo	0.00 0.00							

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
210	QC21- Final Inspection - Work Order Release	0.00							
210									
QC	Memo	0.02							
Quality Control									



JAN 25 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Thursday, November 03, 2016 3:44:57 PM

152678

Parent Item: D5359-042

D5359-042

Parent Item Name: Strut Assembly, RH

Start Date: 11/4/2016

Required Date: 11/4/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A RQ 16.03.23 Verified by: DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
90296A202		Purchased	No				Each	20.0000		2			
90296A202													
Heli-Coil Insert									**				
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST564			20						
				m127824			20						
D2690-6		Manufactured	No				Each	19.0000		2			
D2690-6													
Lanyard									**				
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST009			19						
				151514			19						
D5359-1		Manufactured	No				Each	0.0000		1			
D5359-1													
Strut, LH									**				
M6061T6B0 750X03 000		Purchased	No				f	12.0000		3.782105			
M6061T6B0 750X03 000													
6061-T6 Bar .750 x 3.00												DAS 33 9-89	
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>				16/11/17	
				MAT002			12						
				m134776			12						
										3.6 3.6			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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Picklist Print

Thursday, November 03, 2016 3:44:57 PM

Page 2

Work Order ID: 152678

152678

Parent Item: D5359-042

D5359-042

Parent Item Name: Strut Assembly, RH

Start Date: 11/4/2016

Required Date: 11/4/2016

Start Qty: 1.00

Required Qty: 1.00

MS17984-C406

Purchased

No

Each

2.0000

1

MS17984-C406

Pin, Quick Release

Location

Loc Qty

Loc Code

over005

2

m134606

2

MS17984-C407

Purchased

No

Each

2.0000

1

MS17984-C407

Pin, Quick Release

Location

Loc Qty

Loc Code

over005

2

m134606

2

MS27039-1-07

Purchased

No

Each

202.0000

2

MS27039-1-07

Screw

Location

Loc Qty

Loc Code

GA

2

125654

2

ST281

200

m135948

200

NAS1149D0363J

Purchased

No

Each

1,172.000

4

NAS1149D0363.J

Washer

Location

Loc Qty

Loc Code

GA

336

m134055

336

ST263

836

m135864

836

Thursday, November 03, 2016 3:44:57 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐			FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		
OTHER : ☐					

DART AEROSPACE LTD		Work Order: 152678
Description: Strut, R.H.		Part Number: D5359-2
Inspection Dwg: D5359	Rev: A	Page 1 of 1

INSPECTION SHEET

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
5°	+ 0.5°	5.0°	✓		MIP-04	✓
R 0.257	+ 0.006 - 0.001	0.260	✓			
R 0.38	+ 0.030	0.380	✓			
0.400	+ 0.010	0.395	✓			
0.47	+ 0.030	0.473	✓			
5°	+ 0.5°	5°	✓			
0.220	+ 0.005 - 0.000	0.229	✓			see attached Email
0.08 x 45°	+ 0.030 ± 0.5°	0.085 x 45°	✓			
0.95	+ 0.030	0.950	✓			
1.00	+ 0.030	1.000	✓			
R 0.13	+ 0.030	0.130	✓			
0.75	+ 0.030	0.755	✓			
R 0.21	+ 0.030	0.210	✓			
R 0.25	+ 0.030	0.250	✓			
1.50	+ 0.030	1.480	✓			
1.00	+ 0.030	1.000	✓			
0.67	+ 0.030	0.660	✓			
0.415	+ 0.005 - 0.000	0.419	✓			
0.08 x 45°	+ 0.03 x 45°	0.095 x 45°	✓			
R 0.257	+ 0.006 - 0.001	0.260	✓			
0.400	+ 0.010	0.395	✓			
R 0.38	+ 0.030	0.380	✓			
2.45	+ 0.030	2.450	✓			
3.4	+ 0.100	3.448	✓			
10.3	+ 0.100	10.295	✓			
5.5	+ 0.100	5.529	✓			
3.4	+ 0.100	3.437	✓			
2.45	+ 0.030	2.445	✓			
0.13 x 45°	+ 0.030 ± 0.5°	0.130 x 45°	✓			

Measured by: DAS 33 9-89	Checked by: DAS 45 9-89	QC Inspector:
Date: 16/11/17	Date: 16-11-17	Date:

Engineering Approval: (if necessary)	Date:
--	--------------

Rev	Date	Change	Revised by	Approved
B	14.07.31	New Issue	KJ	

DQA: _____ Date: _____



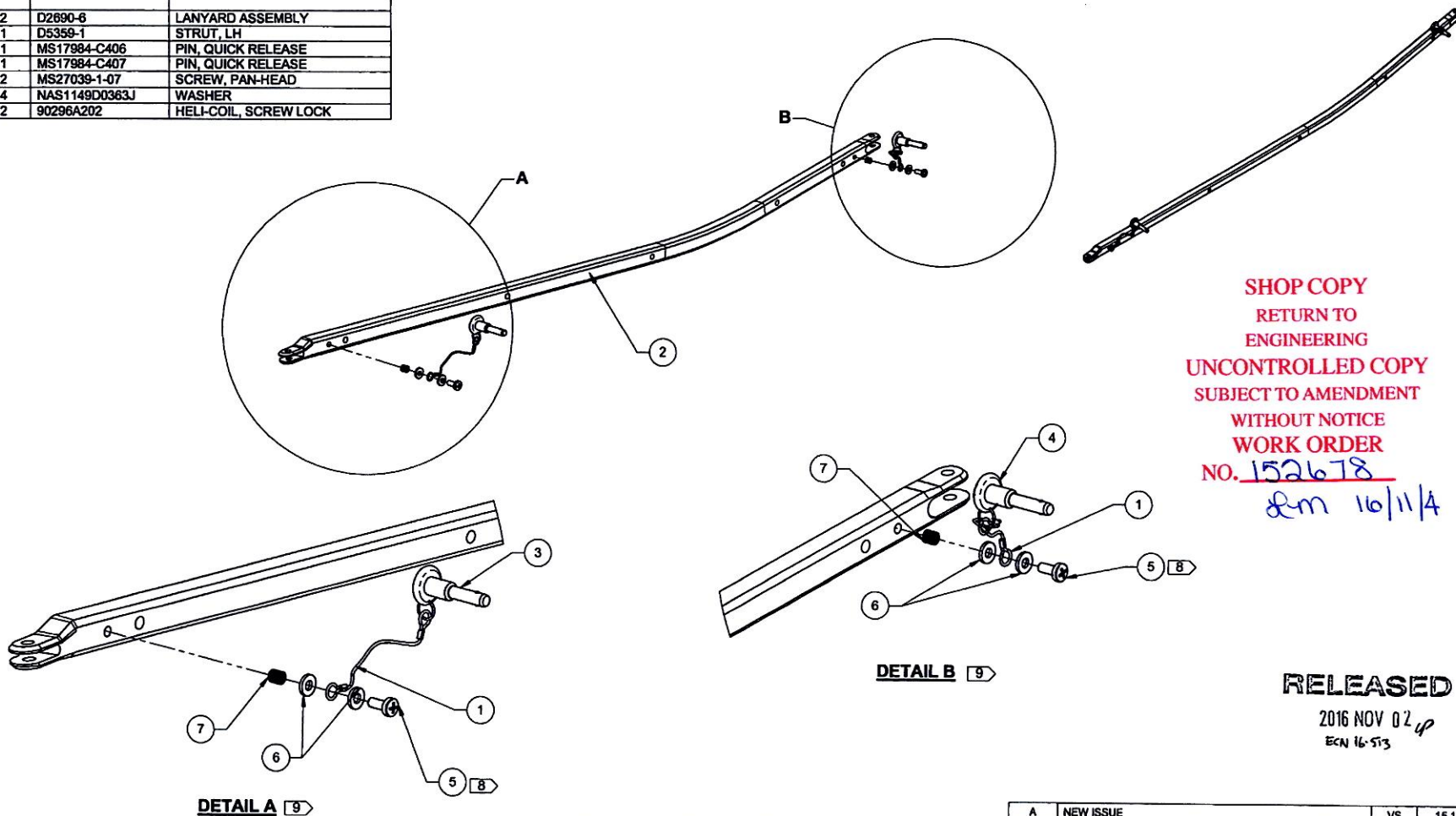
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐						
Date : _____		Step #: _____		QTY Effective : _____		MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				
								Completed By
								Lead hand / Supervisor Approval Verification
								QC / QA Coordinator Approval
Root Cause		FAULT CATEGORY						
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____		

ITEM	QTY	P/N	DESCRIPTION
	X	D5359-041	STRUT ASSEMBLY, LH
1	2	D2890-6	LANYARD ASSEMBLY
2	1	D5359-1	STRUT, LH
3	1	MS17984-C406	PIN, QUICK RELEASE
4	1	MS17984-C407	PIN, QUICK RELEASE
5	2	MS27039-1-07	SCREW, PAN-HEAD
6	4	NAS1149D0363J	WASHER
7	2	90296A202	HELI-COIL, SCREW LOCK



- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 2.21 lbs
 - 8) TORQUE TO 20-25 IN-LB
 - 9) ITEM 1 AND ITEMS 3-7 MAY BE INSTALLED ON EITHER SIDE

D5359-041 STRUT ASSEMBLY, LH

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 152678

2m 10/11/4

DETAIL B [9]

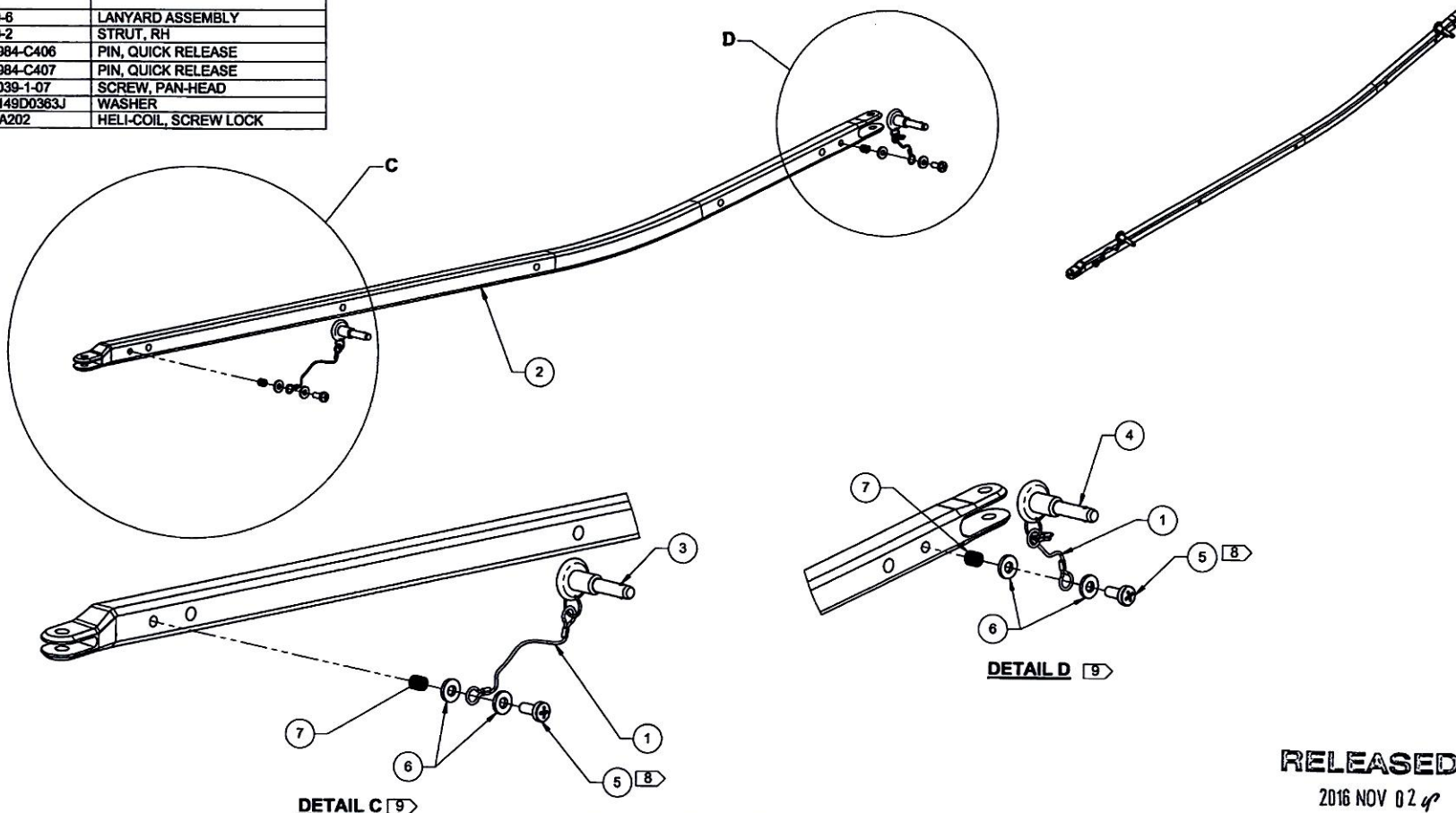
DETAIL A [9]

RELEASED

2016 NOV 02
ECN 16-513

APPROVED	DESIGN	VS	DART AEROSPACE LTD	
	DRAWN	VS	HAWKESBURY, ONTARIO, CANADA	
	CHECKED	RF	DRAWING NO.	REV. A
	MFG. APPR.	RQ	D5359	SHEET 1 OF 4
APPROVED	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	STRUT ASSEMBLY	NTS
	DATE	15.11.23	COPYRIGHT © 2018 BY DART AEROSPACE LTD	
			THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY	P/N	DESCRIPTION
	X	D5359-042	STRUT ASSEMBLY, RH
1	2	D2890-6	LANYARD ASSEMBLY
2	1	D5359-2	STRUT, RH
3	1	MS17984-C406	PIN, QUICK RELEASE
4	1	MS17984-C407	PIN, QUICK RELEASE
5	2	MS27039-1-07	SCREW, PAN-HEAD
6	4	NAS1149D0363J	WASHER
7	2	90296A202	HELI-COIL, SCREW LOCK



DETAIL C 9

DETAIL D 9

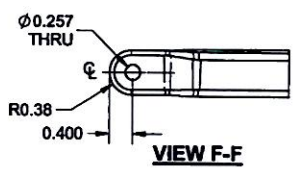
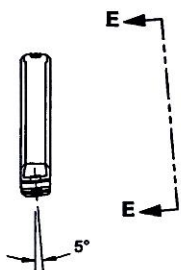
D5359-042 STRUT ASSEMBLY, RH

RELEASED

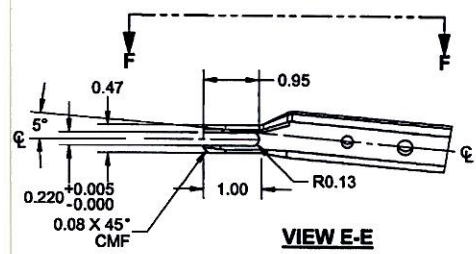
2016 NOV 02 4

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 2.21 lbs
 - 8) TORQUE TO 20-25 IN-LB
 - 9) ITEM 1 AND ITEMS 3-7 MAY BE INSTALLED ON EITHER SIDE

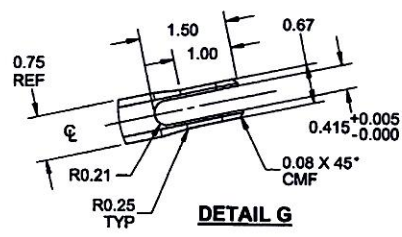
APPROVED	DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	DRAWN	VS		
	CHECKED	RF	DRAWING NO.	REV. A
	MFG. APPR.	RQ	D5359	SHEET 2 OF 4
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	STRUT ASSEMBLY	NTS
DATE		15.11.23	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



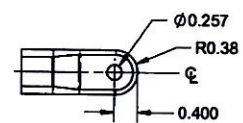
VIEW F-F



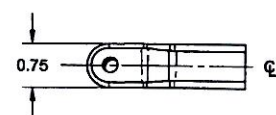
VIEW E-E



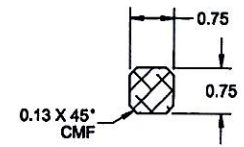
DETAIL G



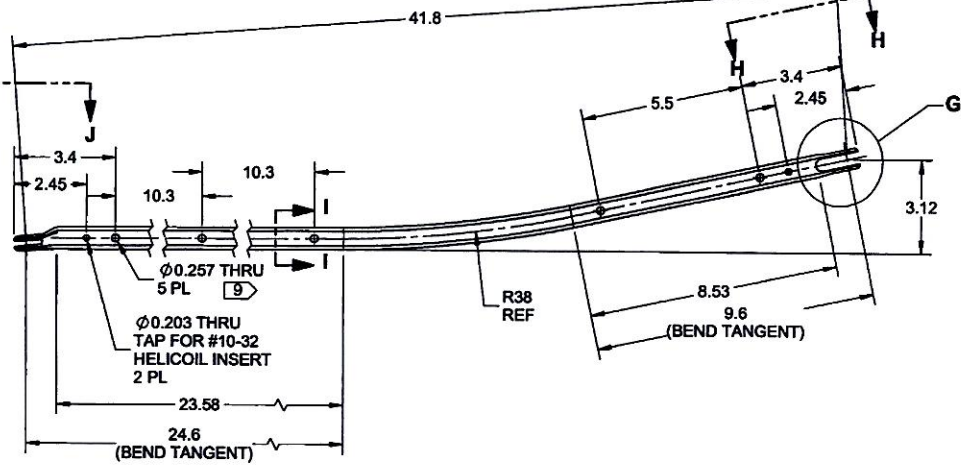
VIEW H-H



VIEW J-J



SECTION I-I



- NOTES:
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
 - 2) FINISH: CHEMICAL CONVERSION COAT PER QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 2.10 lbs
 - 8) UNDEFINED FEATURES CONTROLLED BY DART PART "D5359-1.SLDPR" AT REV. A.
 - 9) HOLES FOR TOOLING

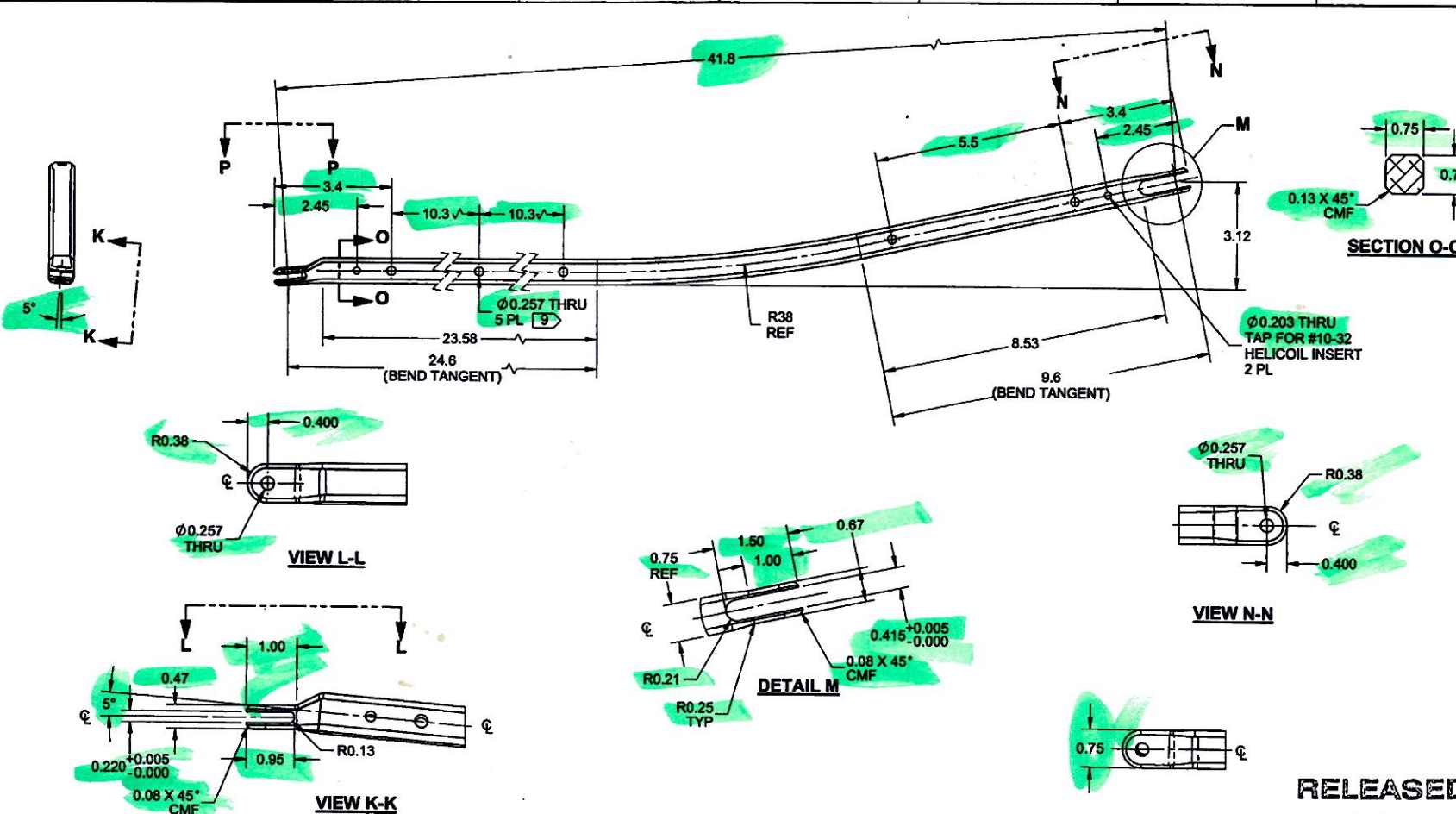
D5359-1 STRUT, LH

APPROVED

DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	RQ	D5359	SHEET 3 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	STRUT ASSEMBLY	NTS
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RELEASED
2016 NOV 02

8 7 6 5 4 3 2 1



- NOTES:**
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
 - 2) FINISH: CHEMICAL CONVERSION COAT PER QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 2.10 lbs
 - 8) UNDEFINED FEATURES CONTROLLED BY DART PART 'D5359-2.SLDPRT' AT REV. A.
 - 9) HOLES FOR TOOLING

D5359-2 STRUT, RH

RELEASED
2016 NOV 02

APPROVED	DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	DRAWN	VS		
	CHECKED	RF	DRAWING NO.	REV. A
	MFG. APPR.	RQ	D5359	SHEET 4 OF 4
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	STRUT ASSEMBLY	NTS
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8 7 6 5 4 3 2 1

Jean-Luc Menard

From: Victoria Seib
Sent: Monday, November 14, 2016 4:28 PM
To: Jean-Luc Menard
Subject: RE: d5359-1 Deviation acceptable?



Ok, we are good with this deviation.

Victoria

From: Jean-Luc Menard
Sent: Monday, November 14, 2016 10:43 AM
To: Victoria Seib <vseib@dartaero.com>
Subject: RE: d5359-1 Deviation acceptable?

.120" even each side.

JL

From: Victoria Seib
Sent: Monday, November 14, 2016 12:34 PM
To: Jean-Luc Menard <jmenard@dartaero.com>
Subject: RE: d5359-1 Deviation acceptable?

Hey JL!

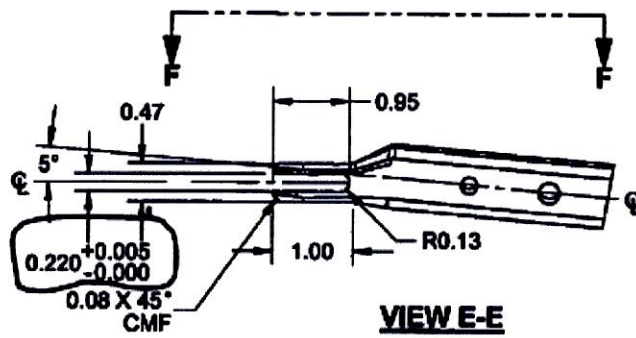
Quick question, how thick are the tangs in either side of the groove after the deviation?

Victoria

From: Jean-Luc Menard
Sent: Monday, November 14, 2016 9:23 AM
To: Victoria Seib <vseib@dartaero.com>
Subject: d5359-1 Deviation acceptable?

Hi Victoria,
As discussed, we are coming in at .226-.230" on the slot.
Let me know if this is acceptable.
THX
JL

VIEW F-F



Jean-Luc Menard
Production Engineering Supervisor

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